

Title (en)

MATRIX DEVICE AND METHOD FOR DETERMINING THE LOCATION AND TIME OF REACTION OF THE GAMMA QUANTA AND THE USE OF THE DEVICE TO DETERMINE THE LOCATION AND TIME OF REACTION OF THE GAMMA QUANTA IN POSITRON EMISSION TOMOGRAPHY

Title (de)

MATRIXVORRICHTUNG UND VERFAHREN ZUR ORTS- UND REAKTIONSZEITBESTIMMUNG VON GAMMAQUANTEN SOWIE VERWENDUNG DER VORRICHTUNG ZUR ORTS- UND REAKTIONSZEITBESTIMMUNG VON GAMMAQUANTEN IN DER POSITRONENEMISSIONSTOMOGRAFIE

Title (fr)

DISPOSITIF À MATRICE ET PROCÉDÉ POUR DÉTERMINER LE LIEU ET LE TEMPS DE RÉACTION DES QUANTAS GAMMA, ET UTILISATION DU DISPOSITIF POUR DÉTERMINER LE LIEU ET LE TEMPS DE RÉACTION DES QUANTSA GAMMA EN TOMOGRAPHIE PAR ÉMISSION DE POSITRONS

Publication

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Application

EP 10745021 A 20100715

Priority

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- PL 38855609 A 20090716

Abstract (en)

[origin: WO2011008118A2] The subject matters of the invention is a matrix device and method for determining the place and time of the gamma quanta interaction as well as the use of the device for determining the place and time of the gamma quanta interaction in positron emission tomography. More specifically the invention describes a solution which allows the determination of the spatial distribution of concentrations of selected substances in the body and the changes of its concentration over time.

IPC 8 full level

G01T 1/164 (2006.01)

CPC (source: EP US)

G01T 1/2985 (2013.01 - EP US); **A61B 6/037** (2013.01 - EP US)

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